



BO-CVT-1000A/B-xx-mini

10/100M Mini Media Converter

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SFP 1G Mini Media Converter

Ordering information

Model	Product description
BO-CVT-1000A-3-mini	Media converter, 100M WDM SMF 3KM, SC connector, Tx1310nm, Rx1550nm
BO-CVT-1000B-3-mini	Media converter, 100M WDM SMF 3KM, SC connector, Tx1550nm, Rx1310nm
BO-CVT-1000A-20-mini	Media converter, 100M WDM SMF 20KM, SC connector, Tx1310nm, Rx1550nm
BO-CVT-1000B-20-mini	Media converter, 100M WDM SMF 20KM, SC connector, Tx1550nm, Rx1310nm

Description

10/100M, 10/100/1000M, SFP 1G MINI Media converter is a new product used for optical transmission via high-speed Ethernet. It is capable of switching between twisted pair and optical and relaying across 10/100Base-TX and 100 Base-Fx and 10/100/1000 Base-TX and 1000 Base-Fx network segments, meeting long-distance, high-speed and high-broadband fast Ethernet workgroup users' needs, achieving high-speed remote interconnection for up to 120 km's relay-free computer data network. With steady and reliable performance, design in accordance with Ethernet standard and lightning protection, it is particularly applicable to a wide range of fields requiring a variety of broadband data network and high-reliability data transmission or dedicated IP data transfer network, such as telecommunication, cable television, railway, military, finance and securities, customs, civil aviation, shipping, power, water conservancy and oilfield etc, and is an ideal type of facility to build broadband campus network, cable TV and intelligent broadband FTTB/FTTH networks.

Main Features

BO-CVT-1000A/B-xx-mini

- In accordance with Ethernet standards IEEE802.3, 10/100/1000Base-TX and 1000Base-FX
- Supported ports: Fiber can be used with SC, FC, ST, SFP ports; twisted pair uses RJ45 ports
- The fiber optic core supports single fiber, dual fiber, and the working mode supports single mode and multi mode.
- Auto-adaptation rate and full/half-duplex mode supported at twisted pair port
- Auto MDI/MDIX supported without need of cable selection
- Up to 6 LEDs for status indication of optical power port and UTP port
- External and built-in DC power supplies provided
- Support for low-delay time pure data transmission and full/half-duplex flow control.
- Built-in DIP switch, supports LFP (Fiber Link Fault Pass-through) function
- Support for 9K Jumbo Frames

Product Parameter

Number of Network Ports	1 channel
Number of Optical Ports	1 channel
NIC Transmission Rate	10/100Mbit/s and 10/100/1000 Mbit/s
NIC Transmission Mode	10/100M and 10/100/1000M with support for automatic inversion of MDI/MDIX
Optical Port Transmission Rate	100Mbit/s and 1000Mbit/s
Operating Voltage	AC 220V or DC +5V
Overall Power	<3W
Network Ports	RJ45 port
Optical Specifications	Optical Port: SC, ST, FC ,SFP (Optional) Multi-Mode: 50/125, 62.5/125um Single-Mode: 8.3/125, 8.7/125um, 8/125,10/125um Wavelength:Single fiber: 3Km(Tx1310nm/Rx1550nm) 20KM(Tx1310nm/Rx1550nm)
Data Channel	IEEE802.3x and collision base backpressure supported Working Mode: Full/half duplex supported Transmission Rate: 100Mbit/s and 1000Mbit/s with error rate of zero
Transmission Distance	Options are available for 0.55KM, 3KM, 20KM, 40KM, 60KM, 80KM, 100KM, 120KM according to actual needs.
LFP Switch	Not supported
Shell Size	68*36*22mm
MTBF	> 100,000 hours
Operating Voltage	AC 220V/ DC +5V
Operating Temperature:	-20°C to +60°C
Storage Temperature:	-20°C to +85°C
Humidity:	5% to 90%